

TABLE 2-5

Employed college graduates, by major occupation, sex, ethnicity, race, disability status, and detailed employment sector: 2019

(Number)

Occupation, sex, ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Total	For profit business or industry	Nonprofit business or industry	Self employed, not-incorporated	Total	4-year educational institution ^a	2-year college or precollege educational institution	Total	Federal government	State or local government
All occupations	50,524,000	35,125,000	26,774,000	5,086,000	3,265,000	10,335,000	3,225,000	7,110,000	5,064,000	1,995,000	3,070,000
Female	26,341,000	16,542,000	11,462,000	3,384,000	1,696,000	7,318,000	1,880,000	5,438,000	2,481,000	815,000	1,666,000
Male	24,183,000	18,582,000	15,312,000	1,701,000	1,569,000	3,017,000	1,345,000	1,672,000	2,584,000	1,180,000	1,404,000
Hispanic or Latino	4,803,000	3,043,000	2,382,000	417,000	244,000	1,119,000	315,000	804,000	641,000	242,000	399,000
Not Hispanic or Latino											
American Indian or Alaska Native	182,000	113,000	100,000	10,000	3,000	33,000	S	21,000	37,000	S	22,000
Asian	5,062,000	3,876,000	3,221,000	423,000	232,000	799,000	499,000	300,000	387,000	157,000	229,000
Black or African American	3,895,000	2,259,000	1,602,000	479,000	178,000	827,000	211,000	616,000	809,000	314,000	495,000
Native Hawaiian or Other Pacific Islander	129,000	93,000	67,000	24,000	S	14,000	9,000	5,000	23,000	3,000	19,000
White	35,269,000	24,890,000	18,775,000	3,595,000	2,520,000	7,330,000	2,134,000	5,196,000	3,049,000	1,201,000	1,848,000
More than one race	1,184,000	851,000	628,000	138,000	85,000	214,000	46,000	168,000	120,000	62,000	58,000
Without disability	44,717,000	31,246,000	23,807,000	4,630,000	2,809,000	9,141,000	2,934,000	6,208,000	4,330,000	1,683,000	2,646,000
With disability	5,807,000	3,878,000	2,967,000	456,000	456,000	1,194,000	291,000	903,000	735,000	311,000	423,000
S&E occupations	7,466,000	5,444,000	4,878,000	378,000	189,000	1,225,000	1,013,000	211,000	798,000	421,000	377,000
Female	2,193,000	1,361,000	1,118,000	171,000	72,000	559,000	450,000	109,000	273,000	128,000	145,000
Male	5,274,000	4,083,000	3,760,000	207,000	117,000	666,000	563,000	102,000	524,000	293,000	231,000
Hispanic or Latino	564,000	385,000	343,000	27,000	15,000	111,000	91,000	19,000	69,000	27,000	41,000
Not Hispanic or Latino											
American Indian or Alaska Native	S	6,000	5,000	D	D	1,000	1,000	D	S	S	S
Asian	1,543,000	1,207,000	1,121,000	65,000	21,000	239,000	226,000	14,000	97,000	42,000	54,000
Black or African American	379,000	244,000	223,000	16,000	4,000	62,000	46,000	15,000	74,000	40,000	34,000
Native Hawaiian or Other Pacific Islander	17,000	12,000	9,000	D	D	3,000	2,000	D	3,000	1,000	S
White	4,784,000	3,474,000	3,066,000	261,000	147,000	787,000	631,000	156,000	523,000	286,000	237,000
More than one race	158,000	116,000	110,000	5,000	1,000	23,000	16,000	6,000	19,000	11,000	7,000
Without disability	6,795,000	4,960,000	4,447,000	348,000	166,000	1,112,000	925,000	188,000	722,000	385,000	338,000
With disability	671,000	484,000	431,000	30,000	23,000	112,000	89,000	24,000	75,000	36,000	39,000
Biological, agricultural, and other life scientists	698,000	302,000	233,000	56,000	14,000	276,000	253,000	23,000	120,000	58,000	62,000

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(Number)

Occupation, sex, ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Total	For profit business or industry	Nonprofit business or industry	Self employed, not-incorporated	Total	4-year educational institution ^a	2-year college or precollege educational institution	Total	Federal government	State or local government
Female	337,000	144,000	113,000	24,000	7,000	135,000	121,000	14,000	58,000	33,000	26,000
Male	361,000	158,000	120,000	32,000	7,000	140,000	132,000	9,000	62,000	26,000	36,000
Hispanic or Latino	64,000	27,000	20,000	7,000	D	24,000	23,000	2,000	12,000	S	7,000
Not Hispanic or Latino											
American Indian or Alaska Native	1,000	S	S	D	D	D	D	D	D	D	D
Asian	157,000	72,000	57,000	12,000	3,000	72,000	70,000	S	13,000	8,000	6,000
Black or African American	23,000	9,000	8,000	D	D	9,000	8,000	D	6,000	2,000	S
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D	D	D	D	D	D
White	439,000	188,000	142,000	37,000	10,000	165,000	147,000	19,000	85,000	43,000	43,000
More than one race	14,000	6,000	5,000	S	D	5,000	5,000	D	3,000	D	S
Without disability	642,000	279,000	216,000	50,000	13,000	252,000	232,000	21,000	111,000	54,000	57,000
With disability	56,000	23,000	16,000	6,000	1,000	23,000	21,000	S	9,000	4,000	S
Computer and mathematical scientists	3,774,000	3,147,000	2,852,000	223,000	73,000	358,000	256,000	102,000	269,000	137,000	132,000
Female	975,000	762,000	637,000	104,000	21,000	121,000	77,000	44,000	92,000	37,000	55,000
Male	2,799,000	2,385,000	2,214,000	119,000	52,000	237,000	179,000	58,000	177,000	100,000	77,000
Hispanic or Latino	238,000	192,000	176,000	13,000	4,000	28,000	20,000	8,000	18,000	6,000	12,000
Not Hispanic or Latino											
American Indian or Alaska Native	S	S	S	D	D	D	D	D	S	S	D
Asian	955,000	844,000	789,000	43,000	13,000	69,000	62,000	7,000	42,000	15,000	27,000
Black or African American	214,000	163,000	151,000	11,000	2,000	17,000	11,000	6,000	35,000	20,000	15,000
Native Hawaiian or Other Pacific Islander	6,000	S	S	D	D	D	D	D	D	D	D
White	2,259,000	1,867,000	1,660,000	153,000	54,000	236,000	159,000	77,000	156,000	81,000	75,000
More than one race	88,000	74,000	70,000	4,000	D	9,000	4,000	S	6,000	4,000	2,000
Without disability	3,445,000	2,876,000	2,609,000	204,000	63,000	329,000	235,000	95,000	240,000	123,000	117,000
With disability	329,000	271,000	243,000	19,000	10,000	29,000	22,000	7,000	29,000	15,000	14,000

TABLE 2-5

Employed college graduates, by major occupation, sex, ethnicity, race, disability status, and detailed employment sector: 2019

(Number)

Occupation, sex, ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Total	For profit business or industry	Nonprofit business or industry	Self employed, not-incorporated	Total	4-year educational institution ^a	2-year college or precollege educational institution	Total	Federal government	State or local government
Physical and related scientists	409,000	189,000	169,000	8,000	12,000	136,000	127,000	9,000	85,000	43,000	42,000
Female	142,000	64,000	60,000	2,000	S	49,000	45,000	3,000	30,000	12,000	17,000
Male	267,000	125,000	109,000	6,000	10,000	87,000	81,000	6,000	55,000	31,000	24,000
Hispanic or Latino	27,000	13,000	11,000	S	D	9,000	8,000	2,000	5,000	1,000	4,000
Not Hispanic or Latino											
American Indian or Alaska Native	1,000	D	D	D	D	D	D	D	D	D	D
Asian	55,000	16,000	15,000	*	D	34,000	33,000	1,000	5,000	3,000	2,000
Black or African American	18,000	7,000	5,000	D	D	4,000	3,000	D	7,000	S	S
Native Hawaiian or Other Pacific Islander	S	*	*	D	D	D	D	D	D	D	D
White	300,000	148,000	133,000	5,000	10,000	86,000	81,000	5,000	65,000	33,000	32,000
More than one race	7,000	4,000	4,000	D	D	S	*	D	2,000	1,000	1,000
Without disability	364,000	165,000	147,000	8,000	10,000	124,000	117,000	7,000	74,000	38,000	36,000
With disability	46,000	23,000	22,000	D	S	11,000	9,000	D	11,000	5,000	6,000
Social and related scientists	663,000	230,000	121,000	56,000	53,000	337,000	270,000	67,000	97,000	54,000	43,000
Female	428,000	152,000	80,000	36,000	36,000	225,000	178,000	47,000	51,000	25,000	26,000
Male	235,000	78,000	42,000	19,000	17,000	112,000	92,000	19,000	46,000	29,000	17,000
Hispanic or Latino	77,000	22,000	12,000	6,000	5,000	42,000	34,000	8,000	12,000	2,000	10,000
Not Hispanic or Latino											
American Indian or Alaska Native	S	S	D	D	D	D	D	D	D	D	D
Asian	44,000	13,000	7,000	4,000	2,000	27,000	23,000	4,000	5,000	3,000	2,000
Black or African American	47,000	9,000	5,000	2,000	D	27,000	22,000	5,000	11,000	6,000	S
Native Hawaiian or Other Pacific Islander	2,000	D	D	D	D	S	D	D	D	D	D
White	480,000	182,000	95,000	43,000	45,000	233,000	185,000	48,000	65,000	42,000	23,000
More than one race	12,000	4,000	3,000	*	D	6,000	5,000	1,000	2,000	1,000	S

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(Number)

Occupation, sex, ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Total	For profit business or industry	Nonprofit business or industry	Self employed, not-incorporated	Total	4-year educational institution ^a	2-year college or precollege educational institution	Total	Federal government	State or local government
Without disability	599,000	207,000	106,000	52,000	49,000	301,000	241,000	60,000	91,000	51,000	40,000
With disability	64,000	22,000	15,000	4,000	4,000	36,000	29,000	7,000	5,000	3,000	3,000
Engineers	1,921,000	1,576,000	1,503,000	35,000	38,000	119,000	108,000	11,000	226,000	128,000	99,000
Female	310,000	239,000	229,000	4,000	6,000	29,000	29,000	D	42,000	21,000	21,000
Male	1,612,000	1,337,000	1,275,000	31,000	32,000	89,000	79,000	10,000	185,000	107,000	78,000
Hispanic or Latino	159,000	131,000	126,000	1,000	5,000	7,000	6,000	D	21,000	12,000	9,000
Not Hispanic or Latino											
American Indian or Alaska Native	5,000	3,000	3,000	D	D	D	D	D	D	D	D
Asian	331,000	262,000	253,000	6,000	3,000	38,000	38,000	D	31,000	14,000	17,000
Black or African American	77,000	57,000	54,000	S	D	S	2,000	D	14,000	8,000	7,000
Native Hawaiian or Other Pacific Islander	7,000	S	3,000	D	D	D	D	D	S	D	D
White	1,305,000	1,089,000	1,037,000	24,000	28,000	65,000	59,000	6,000	151,000	88,000	63,000
More than one race	37,000	29,000	28,000	D	*	2,000	2,000	D	6,000	5,000	1,000
Without disability	1,745,000	1,432,000	1,368,000	34,000	31,000	106,000	101,000	5,000	206,000	118,000	88,000
With disability	177,000	144,000	136,000	2,000	7,000	13,000	7,000	S	20,000	9,000	11,000
S&E-related occupations	8,893,000	6,470,000	4,299,000	1,757,000	414,000	1,791,000	648,000	1,144,000	632,000	299,000	332,000
Female	5,109,000	3,634,000	2,110,000	1,267,000	257,000	1,152,000	433,000	719,000	323,000	128,000	195,000
Male	3,785,000	2,837,000	2,189,000	490,000	157,000	639,000	215,000	425,000	309,000	171,000	137,000
Hispanic or Latino	821,000	564,000	430,000	112,000	22,000	174,000	60,000	113,000	83,000	34,000	49,000
Not Hispanic or Latino											
American Indian or Alaska Native	29,000	17,000	S	3,000	D	S	D	1,000	3,000	S	1,000
Asian	1,151,000	891,000	618,000	230,000	42,000	176,000	132,000	44,000	84,000	44,000	40,000
Black or African American	613,000	430,000	269,000	138,000	22,000	95,000	32,000	62,000	88,000	43,000	45,000
Native Hawaiian or Other Pacific Islander	30,000	S	5,000	S	D	4,000	S	1,000	S	D	S
White	6,053,000	4,391,000	2,877,000	1,208,000	305,000	1,301,000	402,000	900,000	361,000	174,000	188,000
More than one race	198,000	157,000	85,000	49,000	23,000	33,000	10,000	23,000	8,000	3,000	5,000
Without disability	8,148,000	5,938,000	3,930,000	1,638,000	371,000	1,646,000	625,000	1,021,000	564,000	265,000	299,000

TABLE 2-5

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(Number)

Occupation, sex, ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Total	For profit business or industry	Nonprofit business or industry	Self employed, not-incorporated	Total	4-year educational institution ^a	2-year college or precollege educational institution	Total	Federal government	State or local government
With disability	745,000	532,000	369,000	120,000	44,000	146,000	23,000	123,000	67,000	34,000	33,000
Non-S&E occupations	34,165,000	23,210,000	17,597,000	2,951,000	2,662,000	7,319,000	1,564,000	5,755,000	3,635,000	1,274,000	2,361,000
Female	19,040,000	11,548,000	8,234,000	1,946,000	1,367,000	5,607,000	997,000	4,610,000	1,885,000	559,000	1,326,000
Male	15,125,000	11,662,000	9,363,000	1,004,000	1,295,000	1,712,000	567,000	1,145,000	1,750,000	715,000	1,035,000
Hispanic or Latino	3,418,000	2,094,000	1,608,000	278,000	208,000	835,000	163,000	671,000	489,000	180,000	308,000
Not Hispanic or Latino											
American Indian or Alaska Native	132,000	90,000	81,000	7,000	3,000	23,000	3,000	19,000	19,000	1,000	19,000
Asian	2,368,000	1,778,000	1,482,000	128,000	169,000	384,000	141,000	242,000	206,000	71,000	136,000
Black or African American	2,903,000	1,585,000	1,109,000	324,000	152,000	671,000	132,000	539,000	647,000	231,000	416,000
Native Hawaiian or Other Pacific Islander	82,000	60,000	53,000	S	S	7,000	S	4,000	15,000	S	13,000
White	24,432,000	17,025,000	12,832,000	2,125,000	2,068,000	5,242,000	1,102,000	4,141,000	2,165,000	741,000	1,424,000
More than one race	829,000	577,000	432,000	84,000	61,000	158,000	20,000	139,000	93,000	48,000	46,000
Without disability	29,774,000	20,348,000	15,431,000	2,644,000	2,273,000	6,383,000	1,384,000	4,999,000	3,043,000	1,033,000	2,010,000
With disability	4,391,000	2,862,000	2,167,000	306,000	389,000	936,000	180,000	756,000	592,000	241,000	351,000

* = suppressed when population estimate < 500. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a Includes medical schools and university-affiliated research institutes.

Note(s):

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding. Hispanic or Latino may be any race; race categories exclude Hispanic origin. The National Survey of College Graduates asks the degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Those respondents who answered "moderate," "severe," or "unable to do" for an activity were classified as having a disability.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates: 2019.